

2011 SEED SUMMARY REPORT INSPECTION RESULTS



**PLANT INDUSTRIES DIVISION
BUREAU OF FEED, SEED, AND TREATED TIMBER**

Missouri Department of Agriculture
Mission Statement

To serve, promote, and protect the agricultural producers, processors, and consumers of Missouri's food, fuel, and fiber products.

FOREWORD

The 2011 Seed Summary report is comprised of two sections.

Section one is intended to show the reliability of labelers in meeting their claims for seed quality. Inspections listed in this section were random, with no intentional bias, for the purpose of providing a means of comparing each labeler's reliability in meeting claims. The greater the number of samples taken per labeler, the greater the probability that the consistency in meeting claims shown will represent the labeler's actual performance.

Section two is comprised of selective inspections designed specifically to curtail labeling and licensing violations of the Missouri Seed Law. Examples of violations are selling seed without a permit, selling seed out of test date, and labeling omissions or inconsistencies with the law.

Stop sales are debited to the labeler if a discrepancy from the labeler's claim is found. If a lot of seed is found offered for sale past the time allowed on the existing germination test date, that violation is charged against the possessor of the seed. Violations recorded against the possessor of the seed are listed in section two.

All inspections were performed to fulfill the regulatory responsibilities given by the Missouri Department of Agriculture by the Missouri Seed Law, Statute Sections 226.011 through 266.111 (RSMo 2000).

INTRODUCTION

The Missouri Department of Agriculture, Plant Industries Division, Bureau of Feed, Seed, and Treated Timber are pleased to publish the 2011 Seed Summary Report and Inspection Results.

Two thousand nine hundred and sixteen (2,916) lots of seed were officially sampled and tested. One hundred and ninety (190) stop-sale orders were issued for seed failing to meet its labeled guarantees. This resulted in a compliance rate of 93.48 percent compared to 94.42 percent in 2010.

The Missouri Seed Control Laboratory tested 354 service samples in 2011. A total of 3,270 official and service samples were tested in 2011 resulting in a total of 5,842 individual tests performed.

All seed retailers are required to have their seed retested for germination every 10 months (counting the month the seed was retested.) Seed lots found to be out of test date will be placed on stop sale order until the seed has been retested and a new test date and germination rate is placed on the label or the seed is disposed of in an acceptable manner. In 2011, 116 field written stop sale orders were issued mainly on out of test date seed.

The Bureau of Feed, Seed and Treated Timber offers many seed sampling and seed testing services. The charges for analysis and analytical reports on seed samples are listed in the Missouri Seed Law Rules 2CSR 70-35.050.

For more information concerning the services offered by the Bureau of Feed, Seed, and Treated Timber, contact the feed and seed inspector in your area or contact:

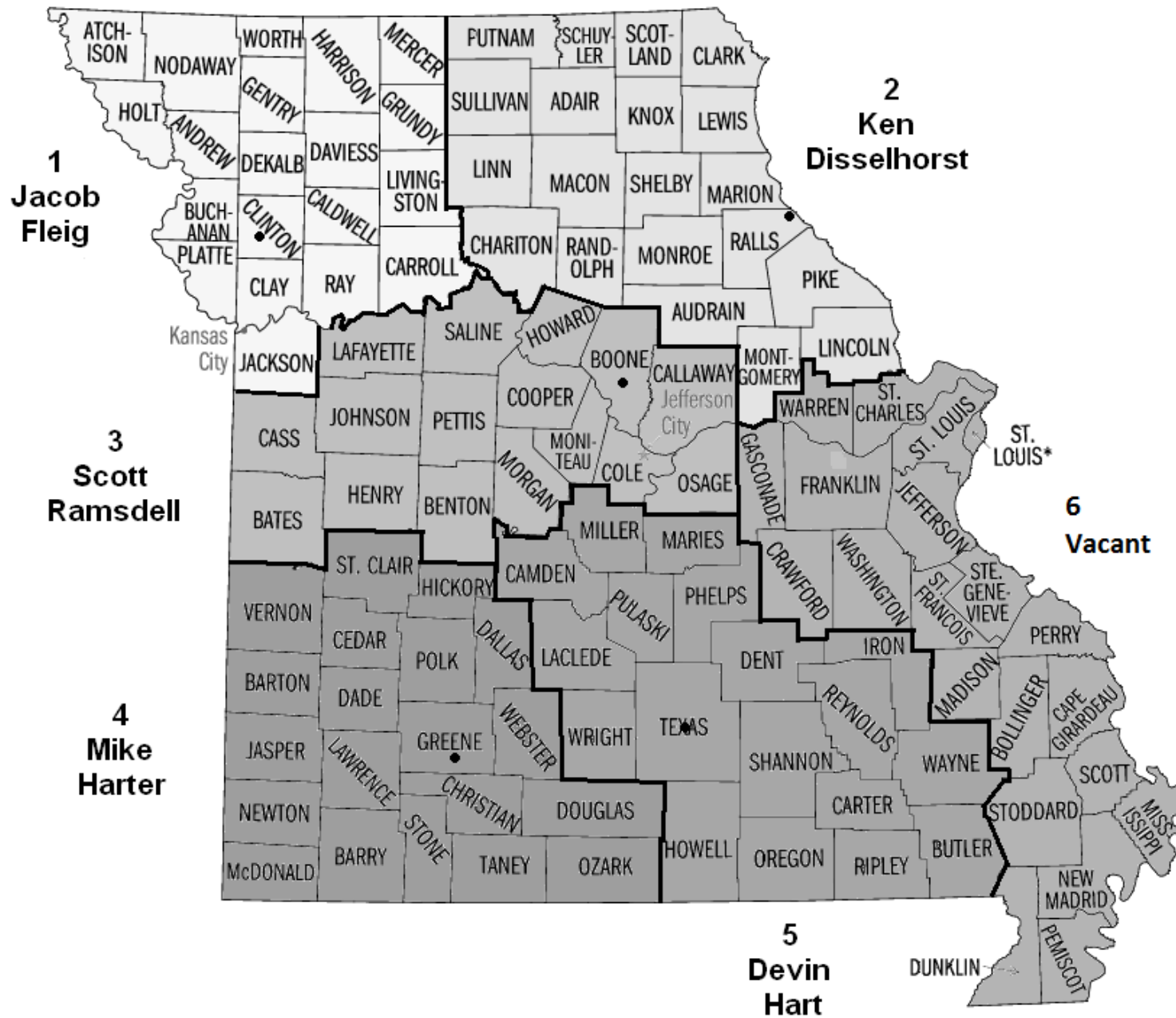
**Missouri Department of Agriculture
Plant Industries Division
P.O. Box 630
Jefferson City, MO 65102**

**FSTT@mda.mo.gov
(573) 751-5474 Office; (573) 751-5500 Office Fax
(573) 751-4340 Seed Laboratory; (573) 526-7777 Seed Laboratory Fax
Or visit our Web site at mda.mo.gov
Plant Industries**

PLANT INDUSTRIES DIVISION

BUREAU OF FEED, SEED, AND TREATED TIMBER

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INSPECTORS AND ASSIGNED AREAS		
<p style="text-align: center;">AREA 1 Jacob Fleig Cameron, MO 64429 (573) 418-3985</p>		<p style="text-align: center;">AREA 2 Ken Disselhorst Hannibal, MO 63401 (573) 822-3850</p>
<p style="text-align: center;">AREA 3 Scott Ramsdell Ashland, MO 65010 (573) 298-3953</p>		<p style="text-align: center;">AREA 4 Mike Harter Springfield, MO 65802 (573) 418-3981</p>
<p style="text-align: center;">AREA 5 Devin Hart Houston, MO 65483 (573) 469-1005</p>		<p style="text-align: center;">AREA 6 Vacant</p>



**2011 STATISTICAL SUMMARY
SAMPLES ANALYZED FOR 2011**

OFFICIAL SAMPLES ANALYZED			2,916
	Purity	812	
	Noxious Weed	963	
	Germination	3,310	
TOTAL NUMBER OF LOTS IN VIOLATION			190
TOTAL OFFICIAL TESTS PERFORMED			5,424
COMPLIANCE RATE OF OFFICIAL SAMPLES ANALYZED			93.48%
SERVICE SAMPLES ANALYZED			354
	Purity	28	
	Noxious Weed	28	
	Germination	358	
	Endophyte	0	
	Pure Live Seed	0	
	TZ	0	
	Seed Count per pound	4	
	Other	0	
TOTAL SERVICE SAMPLE TESTS PERFORMED			418
TOTAL SAMPLES FOR 2011			3,270
TOTAL TESTS PERFORMED FOR 2011			5,842
SEED PERMITS ISSUED FOR 2011			3,794

Information on samples, inspection of seeds, or service samples are available from the Bureau of Feed, Seed, and Treated Timber, 115 Constitution Drive, Jefferson City, Missouri, 65109 or by calling (573) 751-5474.

SUBMITTING SERVICE SAMPLES

➤ **Testing period for free seed analysis:**

June 1 through August 31

November 1 through January 15

➤ **Testing period for charges on seed analysis:**

January 16 through May 31

September 1 through October 31

➤ **Purity charges:**

One cultivar

\$12.00

More than one cultivar in same sample

\$18.00

Seed having less than 90 percent pure seed

\$10.00/hour

➤ **Germination charges (highly chaffy grasses, excluded)**

\$12.00

➤ **Other testing charges:**

TZ	\$25.00
Highly chaffy seed	\$10.00/hour
Highly chaffy germ	\$14.00
Endophyte from growth	\$30.00
Endophyte from seed	\$20.00
Noxious and Prohibited weed seed	\$12.00
Complete Test (Including Purity, Germination, and Noxious Weeds)	\$36.00
Cold Test (Soybeans)	\$12.00
Cool Test (Cotton)	\$12.00

CRITERIA FOR OBTAINING A SERVICE SAMPLE

Forward your seed in containers adequate to protect the sample.

Without proper sampling technique, test will not reflect true quality of the seed.

➤ **Bulk lot seeds:**

Take a sample from several places.

Mix the seed samples thoroughly.

Make a composite sample.

➤ **Bagged lot seeds:**

Take sample from approximately 10 percent of the bags.

Mix the seed samples thoroughly.

Make a composite sample.

➤ **Size of sample needed for testing:**

TYPE OF SEED	SAMPLE SIZE GERMINATION	SAMPLE SIZE PURITY
Soybeans	one quart	one-half gallon
Large Seeds (corn, cotton, small grain, sorghum)	one pint to one quart	one quart
Small seeds (grass, clover, alfalfa, lespedeza)	one-half pint	one quart

SEED ANALYSIS SERVICE SAMPLE APPLICATION

Submit seed samples with request for analysis to: **State Seed Control Laboratory**
Department of Agriculture
115 Constitution Drive (65109)
P.O. Box 630 (65102)
Jefferson City, MO

PLEASE PRINT OR TYPE THE FOLLOWING INFORMATION:

Date _____

Lot number or ID of seed _____ Kind of seed _____

Check the following
analysis to be run:

Free _____

Charge _____ (see page 6 for free & charge times)

Germination _____

Purity _____

Noxious or prohibited
weed seed content _____

Other (please specify) _____

Person planting this seed _____

Address _____
(Route/Street No.) (P.O. Box)

(City) (State) (Zip)

(Phone number)

SECTION ONE

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Agrigold Hybrids, St. Francesville, IL											
		Corn, field		5	5	0					
Compliance Rate:	100.0%		Total	5	5	0	0	0	0	0	0
Agventure Inc., Kentland, IN											
		Soybean		7	6	1	1				
Compliance Rate:	85.7%		Total	7	6	1	1	0	0	0	0
Allan Schneider J., Cosby, MO											
		Wheat, hard red winter		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
America's Alfalfa, Nampa, ID											
		Alfalfa		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Andrews Farm Seed, Carthage, MO											
		Wheat, soft red winter		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Baker Creek Heirloom Seeds, Mansfield, MO											
		Vegetables		24	22	2	2				
Compliance Rate:	91.7%		Total	24	22	2	2	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Barenbrug USA, Tangent, OR											
		Bluegrass, Kentucky		4	3	1	1				
		Fescue, creeping red		2	1	1		1			
		Fescue, tall		1	1	0					
		Mixture		12	11	1	1				
		Ryegrass, annual		3	3	0					
		Ryegrass, perennial		1	1	0					
Compliance Rate:	87.0%		Total	23	20	3	2	1	0	0	0
Bayer Cropscience LP, Research Triangle Park, NC											
		Cotton		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Behm & Hageman Inc, Peoria, IL											
		Mixture		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Belt Fur Wool & Seed Co, Leonard, MO											
		Wheat, soft red winter		5	4	1	1				
Compliance Rate:	80.0%		Total	5	4	1	1	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germination	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Buchheit, Inc, Perryville, MO											
		Clover, red		2	1	1	1		1		
		Fescue, tall		6	4	2			2		
		Lespedeza, Korean		1	1	0					
		Mixture		4	0	4	1	3	4	3	1
		Orchardgrass		1	1	0					
		Rye		1	1	0					
Compliance Rate:	53.3%		Total	15	8	7	2	3	7	3	1
Bullard Seed, Ashland, MO											
		Wheat		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
BWI Companies Inc, Texarkana, TX											
		Mixture		3	3	0					
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0	0
Byron Seeds, Clayton, IL											
		Fescue, tall		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Cache River Valley, Cash, AR											
		Rice		4	4	0					
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Cal West Seed Company, Woodland, CA											
			Clover, ladino	1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Cenex/Land O'Lakes, Inc., Fort Dodge, IA											
			Soybean	5	3	2	2				
Compliance Rate:	60.0%		Total	5	3	2	2	0	0	0	0
Channel Bio, LLC, Husley, IA											
			Corn, field	1	1	0					
			Soybean	5	5	0					
Compliance Rate:	100.0%		Total	6	6	0	0	0	0	0	0
Channel Bio, LLC, St. Louis, MO											
			Soybean	32	32	0					
Compliance Rate:	100.0%		Total	32	32	0	0	0	0	0	0
Cimarron USA, Cary, NC											
			Alfalfa	1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Country Boy Seed Inc, Bristol, VA											
			Fescue, tall	2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Cropland Genetics, Fort Dodge, IA											
		Soybean		4	3	1	1				
Compliance Rate:	75.0%		Total	4	3	1	1	0	0	0	0
Cullum Seed Co, Fisher, AR											
		Soybean		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Curry Seed, Elk Point, SD											
		Soybean		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Deer Creek Seed Inc, Ashland, WI											
		Fescue, tall		1	1	0					
		Ryegrass, perennial		1	1	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Dekalb Plant Genetics/Monsanto, Marshall, MO											
		Corn, field		50	50	0					
		Sorghum, grain		1	1	0					
Compliance Rate:	100.0%		Total	51	51	0	0	0	0	0	0
Delta Grow Seed, England, AR											
		Soybean		8	8	0					
Compliance Rate:	100.0%		Total	8	8	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Dickey Bub Farm & Home, Union, MO											
		Fescue, tall		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Discount Seeds Inc, Watertwon, SD											
		Oat		5	4	1	1				
		Rye		5	3	2	1		1		
Compliance Rate:	70.0%		Total	10	7	3	2	0	1	0	0
Doebler's, Jersey Shore, PA											
		Soybean		2	1	1	1				
Compliance Rate:	50.0%		Total	2	1	1	1	0	0	0	0
Evergreen Seed LLC, Stockton, MO											
		Alfalfa		2	0	2	1			1	
		Bermudagrass		1	0	1	1				
		Bluegrass, Kentucky		1	1	0					
		Clover, alsike		1	0	1			1		
		Clover, medium red		4	3	1			1		
		Fescue, creeping red		1	1	0					
		Fescue, tall		12	9	3	3		1		
		Lespedeza		1	1	0					
		Mixture		2	0	2	1	1			
		Orchardgrass		1	1	0					
		Ryegrass, annual		1	1	0					
		Ryegrass, perennial		3	3	0					
		Timothy		1	1	0					
Compliance Rate:	67.7%		Total	31	21	10	6	1	3	1	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Farmers Ag Center, Mountain Grove, MO											
		Mixture		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Federal Hybrids, West Bend, IA											
		Corn, field		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Feldman's, Blue Springs, MO											
		Alfalfa		1	1	0					
		Clover, red		2	2	0					
		Fescue, tall		6	5	1		1			1
Compliance Rate:	88.9%		Total	9	8	1	0	1	0	0	1
Feldman's, Odessa, MO											
		Fescue, creeping red		2	1	1	1				
		Mixture		5	3	2	2				
		Ryegrass, annual		2	2	0					
Compliance Rate:	66.7%		Total	9	6	3	3	0	0	0	0
Ferguson Seed Farms, Glasgow, MO											
		Wheat, soft red winter		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Ferry-Morse Seed Company, Fulton, KY											
		Fescue, tall		3	3	0					
		Mixture		4	4	0					
		Orchardgrass		1	1	0					
Compliance Rate:	100.0%		Total	8	8	0	0	0	0	0	0
Flick Seed Co, Kingsville, MO											
		Bluestem, big		2	0	2	2	1			1
		Bluestem, little		1	0	1	1	1	1	1	
Compliance Rate:	0.0%		Total	3	0	3	3	2	1	1	1
Fontanelle Hybrids, Fontanelle, NE											
		Corn, field		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
G R Robinson Seed & Service Co, University City, MO											
		Mixture		16	15	1		1			
Compliance Rate:	93.8%		Total	16	15	1	0	1	0	0	0
Gard'n Wise, Wichita, KS											
		Mixture		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Garst Seed Company, Slater, IA											
		Corn, field		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
George Keller & Sons Co, Quincy, IL											
		Oat		1	1	0					
		Timothy		1	1	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Grass Pad Warehouse, Olathe, KS											
		Fescue, tall		1	1	0					
		Mixture		12	12	0					
Compliance Rate:	100.0%		Total	13	13	0	0	0	0	0	0
Green Seed Co Inc, Springfield, MO											
		Alfalfa		6	6	0					
		Bahiagrass		1	1	0					
		Bermudagrass		3	2	1	1				
		Bluegrass, Kentucky		5	3	2	2				
		Brome, smooth		4	0	4	4	1			
		Buckwheat		3	3	0					
		Clover, alsike		1	1	0					
		Clover, crimson		4	4	0					
		Clover, Dutch white		4	4	0					
		Clover, ladino		5	5	0					
		Clover, medium red		3	3	0					
		Clover, red		4	4	0					
		Clover, white		4	4	0					
		Clover, white blossom sweet		1	0	1		1		1	1
		Corn, sweet		1	1	0					
		Crabgrass		1	0	1	1				

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
	Fescue, creeping red	2	2	0	16						1
	Fescue, tall	38	22	16							
	Lespedeza, Korean	7	7	0							
	Lovegrass, weeping	1	1	0							
	Millet, browntop	1	1	0	5			2			
	Millet, German or foxtail	2	2	0							
	Millet, Japanese	1	1	0							
	Millet, pearl	1	1	0							
	Mixture	32	26	6			3				
	Oat	6	6	0							
	Orchardgrass	14	11	3							
	Pea, Austrian winter	1	1	0							
	Rape	2	2	0							
	Rye	10	10	0							
	Ryegrass, annual	32	31	1							
	Ryegrass, perennial	7	7	0							
	Sorghum, grain	1	1	0							
	Sorghum-sudangrass	1	1	0							
	Soybean	1	1	0							
	Sunflower	1	1	0							
	Timothy	2	1	1	1						
	Trefoil, birdsfoot	1	1	0							
	Turnip	1	1	0							
	Turnip, forage	1	1	0							
	Vegetables	20	20	0							
	Wheat	11	11	0							
Compliance Rate:	85.4%	Total	247	211	36	30	5	2	2	2	

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Green Valley Seed Inc, Kahoka, MO											
	Alfalfa			5	5	0					
	Clover, alsike			1	1	0					
	Clover, medum red			1	1	0					
	Clover, red			1	1	0					
	Fescue, tall			2	2	0					
	Mixture			4	3	1	1				
	Oat			2	2	0					
	Orchardgrass			1	1	0					
	Ryegrass, annual			1	1	0					
	Ryegrass, intermediate			1	1	0					
	Ryegrass, perennial			1	1	0					
	Soybean			8	8	0					
	Timothy			2	2	0					
	Turnip, forage			1	1	0					
Compliance Rate:	96.8%	Total		31	30	1	1	0	0	0	0
Greenbush Seed & Supply, Hutcheson, KS											
	Wheat			2	2	0					
	Wheat, hard red winter			1	1	0					
Compliance Rate:	100.0%	Total		3	3	0	0	0	0	0	0
Growmark Inc, Bloomington, IL											
	Soybean			8	8	0					
Compliance Rate:	100.0%	Total		8	8	0	0	0	0	0	0
Haas Seed House, Albers, IL											
	Wheat (Cover Crop)			4	4	0					
Compliance Rate:	100.0%	Total		4	4	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Helena Chemical, Bridgeton, MO											
Mixture				1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Helena Chemical Company, Shawnee, KS											
Mixture				2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Helena Chemical Company, Hayti, MO											
Cotton				1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Hirsch Feed & Farm Supply, West Plains, MO											
Fescue, tall				1	0	1		1			
Compliance Rate:	0.0%		Total	1	0	1	0	1	0	0	0
Hoegemeyer Hybrids, Hooper, NE											
Soybean				5	4	1	1				
Compliance Rate:	80.0%		Total	5	4	1	1	0	0	0	0
Hoffman & Reed Inc, Trenton, MO											
Wheat				1	1	0					
Compliance Rate:	100.0%			1	1	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Hummert International, Earth City, MO											
		Mixture		10	10	0					
		Ryegrass, perennial		2	2	0					
Compliance Rate:	100.0%		Total	12	12	0	0	0	0	0	0
Hummert International, Topeka, KS											
		Fescue, tall		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Hurt Seed Co, Halls, TN											
		Wheat		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Jimmy Sanders, Inc, Stuttgart, AR											
		Oat		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Johnston Seed Company, Enid, OK											
		Bermudagrass		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Kruger Seeds, Cedar Falls, IA											
		Corn, field		1	1	0					
		Soybean		14	14	0					
Compliance Rate:	100.0%		Total	15	15	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
L.G. Seeds, Elmwood, IL		Corn, field		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Latham Hi-Tech Hybrids, Inc, Alexander, IA		Soybean		6	2	4	4				
Compliance Rate:	33.3%		Total	6	2	4	4	0	0	0	0
Lebanon Seaboard Corporation, Lebanon, PA		Mixture		9	8	1	1				
Compliance Rate:	88.9%		Total	9	8	1	1	0	0	0	0
Legacy Seeds, Inc, Nampa, ID		Alfalfa		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Leo Stroebe & Son Seed, Concordia, MO		Wheat, soft red winter		3	3	0					
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0	0
Lesco Inc, Cleveland, OH		Fescue, tall Mixture		2 25	2 23	0 2	2				
Compliance Rate:	92.6%		Total	27	25	2	2	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Lewis Seed Co Inc, Louisville, KY											
		Fescue, tall		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Lortscher Agri Service, Bern, KS											
		Wheat		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Loveland Products, Inc, Greeley, CO											
		Corn		23	23	0					
		Cotton		1	1	0					
		Soybean		32	32	0					
		Wheat		1	1	0					
Compliance Rate:	100.0%		Total	57	57	0	0	0	0	0	0
MBS Genetics, LLC, Story City, IA											
		Soybean		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Merschman Seeds Inc, West Point, IA											
		Soybean		5	5	0					
Compliance Rate:	100.0%		Total	5	5	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
MFA Agri Service, Chillicothe, MO											
		Wheat, soft red winter		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
MFA Inc. Seed Division, Columbia, MO											
		Alfalfa		11	11	0					
		Bermudagrass		2	2	0					
		Brome, smooth		2	2	0					
		Buckwheat		1	0	1	1				
		Canarygrass, reed		1	0	1	1				
		Clover, crimson		1	1	0					
		Clover, ladino		3	3	0					
		Clover, mammoth red		1	1	0					
		Clover, medium red		7	6	1			1		
		Clover, red		7	6	1	1				
		Clover, white		5	4	1	1				
		Clover, yellow sweet		1	1	0					
		Corn, field		9	9	0					
		Fescue, tall		22	18	4	4				
		Lespedeza, Korean		3	3	0					
		Millet, pearl		1	1	0					
		Mixture		21	18	3	3				
		Oat		5	3	2	2				
		Orchardgrass		6	6	0					
		Redtop		1	0	1		1			1
		Ryegrass, annual		1	1	0					
		Ryegrass, perennial		1	1	0					
		Soybean		104	104	0					
		Timothy		7	6	1	1				
		Trefoil, birdsfoot		2	2	0					
		Triticale		1	1	0					
		Turnip Forage		1	1	0					
		Wheat		4	4	0					
		Wheat, soft red winter		23	23	0					
Compliance Rate:	93.7%		Total	254	238	16	14	1	1	0	1

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
MFA Seed Dist, Sedalia, MO											
		Alfalfa		2	2	0					
		Bluegrass, Kentucky		2	2	0					
		Brome, smooth		3	2	1	1				
		Clover, medium red		5	3	2			2		
		Clover, red		1	1	0					
		Fescue, creeping red		2	1	1	1	1			
		Fescue, tall		9	8	1	1				
		Mixture		13	11	2	2				
		Orchardgrass		1	1	0					
		Pea, Austrian winter		2	2	0					
		Radish		1	1	0					
		Rye, winter		1	0	1	1				
		Ryegrass, annual		1	1	0					
		Ryegrass, perennial		2	2	0					
		Timothy		2	2	0					
		Turnip Forage		1	1	0					
Compliance Rate:	83.3%		Total	48	40	8	6	1	2	0	0
Miller Seed Co, Clinton, MO											
		Mixture		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Missouri Foundation Seed, Columbia, MO											
		Wheat, soft red winter		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0

				Type of Violation				
				Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Missouri Southern Seed, Rolla, MO								
	Alfalfa	10	10	0				
	Bermudagrass	2	2	0				
	Bluegrass, Kentucky	4	4	0				
	Brassica	1	1	0				
	Brome, smooth	3	3	0				
	Buckwheat	9	8	1	1			
	Canarygrass, reed	2	0	2	2			
	Chufa	1	1	0				
	Clover, alsike	2	2	0				
	Clover, crimson	2	2	0				
	Clover, ladino	7	7	0				
	Clover, medium red	43	41	2		2		
	Clover, red	8	8	0				
	Clover, white	4	4	0				
	Clover, yellow sweet	1	1	0				
	Cowpea	2	2	0				
	Fescue, creeping red	3	3	0				
	Fescue, tall	74	59	15	12	4		2
	Festulolium	2	2	0				
	Lespedeza	12	11	1		1		
	Millet	1	1	0				
	Millet, German or foxtail	2	1	1	1			
	Millet, Japanese	3	3	0				
	Millet, white proso	1	1	0				
	Mixture	39	36	3	3			
	Oat	3	3	0				
	Orchardgrass	9	8	1	1			
	Pea, winter	2	2	0				
	Radish	1	1	0				
	Rape	1	1	0				
	Redtop	3	2	1		1		
	Rongai	1	1	0				
	Rye, winter	3	2	1	1			
	Ryegrass, annual	15	14	1			1	
	Ryegrass, intermediate	2	2	0				
	Ryegrass, perennial	12	12	0				

				Type of Violation						
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed
	Sorghum		2	1	1	1				
	Sorghum, grain		2	2	0					
	Sorghum-sudangrass		1	1	0					
	Soybean		4	4	0					
	Teff		1	1	0					
	Timothy		17	16	1			1		
	Trefoil, birdsfoot		3	3	0					
	Triticale		2	2	0					
	Turnip		1	1	0					
	Turnip Forage		4	4	0					
	Vegetable		5	5	0					
	Vetch		4	4	0					
	Wheat, soft red winter		1	1	0					
	Compliance Rate:	90.8%	Total	337	306	31	22	5	4	1
Monsanto Company, St. Louis, MO										
	Corn, field		15	15	0					
	Cotton		5	5	0					
	Sorghum, grain		1	1	0					
	Soybean		603	597	6	6				
Compliance Rate:	99.0%	Total	624	618	6	6	0	0	0	0
Monsanto Company (DeKalb), Sikeston, MO										
	Corn, field		1	1	0					
Compliance Rate:	100.0%	Total	1	1	0	0	0	0	0	0
Monsanto Company Co (Asgrow), Matthews, MO										
	Soybean		1	1	0					
Compliance Rate:	100.0%	Total	1	1	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Morgan County Seeds, Barnett, MO											
	Vegetable			65	63	2	2				
Compliance Rate:	96.9%	Total		65	63	2	2	0	0	0	0
Mycogen Seeds, Indianapolis, IN											
	Corn, field			10	10	0					
	Soybean			16	16	0					
Compliance Rate:	100.0%	Total		26	26	0	0	0	0	0	0
Neco Seed, Garden City, MO											
	Soybean			4	4	0					
	Wheat			1	1	0					
	Wheat, hard red winter			1	1	0					
Compliance Rate:	100.0%	Total		6	6	0	0	0	0	0	0
Nixa Hardware, Nixa, MO											
	Bermudagrass			1	1	0					
	Clover, ladino			1	1	0					
	Clover, red			1	1	0					
	Fescue, tall			2	2	0					
	Millet, German			1	1	0					
	Mixture			5	5	0					
	Orchardgrass			3	3	0					
	Ryegrass, annual			1	1	0					
	Ryegrass, perennial			1	1	0					
	Sorghum-sudangrass			1	1	0					
	Vegetable			1	1	0					
Compliance Rate:	100.0%	Total		18	18	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Nutech Seed, LLC, Forest City, IA											
		Corn, field		2	2	0					
		Soybean		15	13	2	2				
Compliance Rate:	88.2%		Total	17	15	2	2	0	0	0	0
Pennington Seed, Madison, GA											
		Fescue, tall		1	0	1		1			
Compliance Rate:	0.0%		Total	1	0	1	0	1	0	0	0
Pennington Seed Inc, Greenfield, MO											
		Fescue, tall		11	10	1					1
		Mixture		127	116	11	10	3			
		Ryegrass, annual		12	12	0					
		Ryegrass, perennial		1	1	0					
Compliance Rate:	92.1%		Total	151	139	12	10	3	0	0	1
Pennington Seed Inc, Lebanon, OR											
		Mixture		1	1	0					
		Ryegrass, annual		1	1	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Phytogen Seed Co Inc, Indianapolis, IN											
		Cotton		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Pioneer Hi-Bred International, Johnston, IA											
			Alfalfa	7	7	0					
			Corn	57	57	0					
			Soybean	150	150	0					
			Wheat	5	5	0					
Compliance Rate:	100.0%	Total		219	219	0	0	0	0	0	0
Progeny Ag Products-Erwin-Keith Inc, Wynne, AR											
			Rice	2	2	0					
Compliance Rate:	100.0%	Total		2	2	0	0	0	0	0	0
Purdy Farm Center Inc, Purdy, MO											
			Fescue, tall	1	1	0					
			Triticale	1	1	0					
			Wheat	1	1	0					
Compliance Rate:	100.0%	Total		3	3	0	0	0	0	0	0
Putnal Seed & Grain Inc, Live Oak, FL											
			Vegetable	1	1	0					
Compliance Rate:	100.0%	Total		1	1	0	0	0	0	0	0
Ragan & Massey Inc, Ponchatoula, LA											
			Fescue, tall	3	3	0					
Compliance Rate:	100.0%	Total		3	3	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Ricetec Inc, Alvin, TX											
		Rice		8	8	0					
Compliance Rate:	100.0%		Total	8	8	0	0	0	0	0	0
Rural King Supply Inc, Mattoon, IL											
		Fescue, tall		2	1	1	1				
		Mixture		1	1	0					
Compliance Rate:	66.7%		Total	3	2	1	1	0	0	0	0
Schillinger Seed Inc, West Des Moines, IA											
		Corn, field		1	1	0					
		Soybean		1	1	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Scotts Company, Marysville, OH											
		Mixture		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Seeds, Inc, Memphis, TN											
		Mixture		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Shawneetown Feed & Seed Co, Jackson, MO											
Clover, ladino				1	1	0					
Clover, medium red				1	1	0					
Clover, red				3	2	1			1		
Lespedeza				1	1	0					
Lespedeza, Korean				1	0	1	1				
Timothy				2	2	0					
Compliance Rate:	77.8%	Total		9	7	2	1	0	1	0	0
Shooting Star Native Seeds, Spring Grove, MN											
Bluestem, big				1	0	1	1				
Compliance Rate:	0.0%	Total		1	0	1	1	0	0	0	0
Siemer Enterprises, Teutopolis, IL											
Fescue, tall				13	11	2	1		1		
Mixture				7	7	0					
Ryegrass, annual				1	1	0					
Ryegrass, perennial				3	3	0					
Compliance Rate:	91.7%	Total		24	22	2	1	0	1	0	0
Sikeston Seed Company, Sikeston, MO											
Soybean				4	4	0					
Compliance Rate:	100.0%	Total		4	4	0	0	0	0	0	0

				Type of Violation						
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed
Stine Seed Farm Inc, Adel, IA		Corn, field	1	1	0	1	0	0	0	0
		Soybean	9	8	1					
Compliance Rate:	90.0%	Total	10	9	1	1	0	0	0	0
Stoddard Co Seed Service, Dudley, MO		Soybean	6	6	0	0	0	0	0	0
Compliance Rate:	100.0%	Total	6	6	0	0	0	0	0	0
Syngenta Seed Inc, Minneapolis, MN		Corn, field	19	19	0	2	0	0	0	0
		Soybean	134	132	2					
Compliance Rate:	98.7%	Total	153	151	2	2	0	0	0	0
T & N Inc, Foristell, MO		Mixture	1	1	0	0	0	0	0	0
Compliance Rate:	100.0%	Total	1	1	0	0	0	0	0	0
Tanner Seed Co, Bernie, MO		Rice	4	4	0	0	0	0	0	0
		Soybean	1	1	0					
Compliance Rate:	100.0%	Total	5	5	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Tennessee Farmers Co-op, Jackson, TN											
		Fescue, tall		4	4	0					
		Mixture		3	3	0					
Compliance Rate:	100.0%		Total	7	7	0	0	0	0	0	0
Tennessee Farmers Coop, Lavergne, TN											
		Barley		1	1	0					
		Fescue, tall		2	2	0					
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0	0
Terral Seed Inc, Lake Providence, LA											
		Corn, field		2	2	0					
		Soybean		2	2	0					
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0	0
Tri-Star Seed Company, Spring Hill, KS											
		Fescue, tall		10	8	2	2				
		Mixture		4	3	1		1			
Compliance Rate:	78.6%		Total	14	11	3	2	1	0	0	0
Turner Seed, Lavergne, TN											
		Mixture		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Turner Seed Co, Antioch, TN											
			Alfalfa	1	1	0					
			Fescue, tall	2	2	0					
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0	0
UAP Distribution Inc, Greeley, CO											
			Alfalfa	1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
US Seeds LLC, Jonesboro, AR											
			Soybean	4	4	0					
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0	0
Valley Park Elevator, Valley Park, MO											
			Mixture	1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Weber Seeds Inc, Marshall, MO											
			Soybean	1	1	0					
			Wheat	4	4	0					
			Wheat, soft red winter	16	16	0					
Compliance Rate:	100.0%		Total	21	21	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Wild West Seed, Inc, Albany, OR		Vegetable		3	3	0					
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0	0
Willcross Seed, King City, MO		Soybean		10	7	3	3				
Compliance Rate:	70.0%		Total	10	7	3	3	0	0	0	0
Williams Lawn Seed Co, Maryville, MO		Bluegrass, Kentucky		5	3	2	2	1			
		Fescue, chewings		1	1	0					
		Fescue, creeping red		2	2	0					
		Fescue, hard		3	2	1		1			
		Fescue, red		2	1	1		1			
		Fescue, tall		1	0	1		1			
		Mixture		8	7	1	1				
		Poa trivialis		1	1	0					
		Ryegrass, perennial		2	2	0					
Compliance Rate:	76.0%		Total	25	19	6	3	4	0	0	0
Winfield Solutions LLC, St. Joseph, MO		Fescue, tall		1	1	0					
		Mixture		7	4	3	1	2			
		Ryegrass, annual		1	0	1	1				
Compliance Rate:	55.6%		Total	9	5	4	2	2	0	0	0

					Type of Violation										
					Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop			
Winfield Solutions, LLC, St. Paul, MN															
		Bluegrass, Kentucky			1	1	0								
		Mixture			5	5	0								
		Soybean			13	13	0								
Compliance Rate:	100.0%		Total		19	19	0	0	0	0	0	0			
WL Alfalfas, Madison, WI															
		Alfalfa			2	2	0								
Compliance Rate:	100.0%		Total		2	2	0	0	0	0	0	0			
X-Seed Inc., Clear Lake, MN															
		Fescue, tall			5	3	2	2				1			
Compliance Rate:	60.0%		Total		5	3	2	2	0	0	0	1			
OVERALL COMPLIANCE RATE: 93.48%					OVERALL TOTAL			2916	2726	190	146	33	23	8	10

SECTION TWO

VIOLATIONS OF SEED LOTS FOR REASONS OTHER THAN CONTENT CLAIMS

**VIOLATIONS ON SEED LOTS FOR REASONS
OTHER THAN CONTENTS CLAIMS**

Company	Reason Field Written Stop Sale was Issued	Number of Violations
Aldi Inc #68 195-163 Marshall, MO 65340	Out of test date	29
Buchheit Inc 157-005 Perryville, MO 63775	No label	1
Cameron Coop 049-002 Cameron, MO 64429	Out of test date No label Other	20
County Home Improvement 183-109 Wentzville, MO 63385	Out of test date	4
El-Mel Inc 189-015 Florissant, MO 63034	Out of test date	2
Eureka Feed Station 189-021 Eureka, MO 63025	Out of test date	2
Farmers Ag Center 229-041 Mountain Grove, MO 65711	Label issue	4
Freistatt Farmers Exchange 109-027 Friestatt, MO 65654	Out of test date	1
Heartland Feed 179-016 Ellington, MO 63638	Out of test date	1

Company	Reason Field Written Stop Sale was Issued	Number of Violations
Henson Farm Supply Inc 223-004 Williamsville, MO 63967	Out of test date	5
Jeffco Feed & Fertilizer 099-083 Desoto, MO 63020	Out of test date	1
John Deere Landscapes #48 189-495 Chesterfield, MO 63005	Out of test date	2
John Deere Landscapes #476 189-096 Fenton, MO 63026	Out of test date	1
Kramer Hardware Co 047-074 Kearney, MO 64060	Out of test date	3
May Milling Co 095-028 Grandview, MO 64030	Out of test date	14
MFA Agri Service 081-002 Bethany, MO 64424	Out of test date	1
MFA Agri Service 053-006 Boonville, MO	Out of test date	2
MFA Agri Service 147-048 Conception Junction, MO 64434	No label	1

Company	Reason Field Written Stop Sale was Issued	Number of Violations
Mid-Missouri Agri Services 195-010 Sweet Springs, MO 65351	Out of test date	1
Old Bills Mill 047-035 Holt, MO 64048	No label	1
Orscheln Farm & Home Supply #7 157-067 Perryville, MO 63775	Out of test date No label	3
Price General Store Inc 179-021 Ellington, MO 63638	Out of test date	4
Rock Island Country Store 131-012 Eldon, MO 65026	Out of test date	2
Sutherlands 127-089 Hannibal, MO 63401	Out of test date	7
The Family Center 187-018 Farmington, MO 63640	Out of test date	2
Terry Farm Supply Inc 153-044 Theodosia, MO 65761	Out of test date	2
Total		116